

## Microlite Cartomizer Kit Guide

The unique feature about the Microlite is the flexibility and versatility as the charger and case contains everything you need in a compact unit.

An addition to the TECC range aimed at light smokers, which comes in a self contained charging case. The case can be pre-charged so that you can keep your batteries charged on the move, the case will charge the battery up to four times before the case itself needs recharging.



Measuring only 8.2cm, the Microlite was TECC's very first cartomizer kit and it's popularity continues to grow.

### Kit Contents (available in black or white)

- 2 x Black 90mAh Rechargeable Batteries
- 6 x Tobacco Cartomizers (3 x 18mg, 1 x 11mg, 1 x 6mg, 1 x 0mg)
- 1 x Portable Charging Case
- 1 x USB Charging Lead
- 1 x Mains to USB Wall Charging Unit
- 1 x User Manual

### Additional Optional Replacement Components/Cartomizers

Replacement Microlite PCC

Replacement 90mAh Batteries

Microlite Cartomizers (Tobacco or Menthol available in 0mg/8mg/11mg/14mg/18mg strength)

Empty Refillable Microlite Cartomizers (see [Cartomizer Refilling Section](#))

Replacement Microlite Cartomizer Caps (for use with refillable cartomizers)

Replacement USB Charging Lead

Universal Car Charger

### Assembly, Using your Microlite and Recharging

Ensure your Microlite e-cigarette battery unit/s are fully charged prior to use – see '[Charging your Microlite batteries](#)'

Remove all outer packaging and silicone covers from a cartomizer and gently screw the unit onto a Microlite battery.

Attempt to inhale on the Microlite ensuring a slow inhalation for about 2-4 seconds – longer slower inhalations will result in larger amounts of vapour and a stronger 'throat hit'.

If the LED end of the battery flashes rapidly, the battery requires a recharge – see '[Charging your Microlite batteries](#)' and '[Charging your Microlite PCC](#)'.

If the vapour product significantly dishes or stops entirely and the battery is charged, replace the cartomizer.

Continuous inhalations for 5 seconds or longer will activate a safety mechanism forcing the battery to interrupt the connection to the atomizer to avoid overheating and/or possible damage to the cartomizer.

Ensure your PCC and its contents are kept away from electrical devices such as mobile phones and sharp objects such as keys to prevent damage.

**Charging your Microlite batteries** – to charge your batteries, press the central button on the PCC once to activate the charge display panel then press and hold the same button to activate the red LED charge indicator on the side of the case. Upon illumination of the same, screw the battery into the case via the front/right-most port inside the PCC – ensure this is done before the LED automatically goes out. The LED on the tip of the e-cigarette battery will illuminate for the duration of the charge and go out once complete – this normally takes up to an hour.

Alternatively, connect the battery first and repeat the previously stated steps. See the ‘Troubleshooting/FAQ Section’ for further help.

**Using the LED Torch Lights** – Useful in situations where there is little light, the Microlite offers two helpful LED lights which can be activated by the simple press of a button. The left button activates the LED on the underside of the PCC with the right button activating the internal LED situated to the top left of the storage nodes under the lid. Press either or both once to activate and once to deactivate.

**Charging your PCC** – Simply connect the USB charging lead to the source of power first and then connect the narrow pinned end into the small charging port on the side of left hand side of the case (face forward). The battery indicator panel on the front of the case should illuminate and display a sequence of bars stepping up incrementally until fully charged. This will take in the region of 3-6 hours depending on the source of power.

### **Pre-filled Microlite Cartomizers**

Nicotine is a natural alkaloid extracted from tobacco leaves. It is the nicotine in regular cigarettes that smokers are addicted to. When smoking a regular cigarette the nicotine enters the blood stream within 7-9 seconds, rapidly reaching the brain and relieving the nicotine craving experienced by smokers.

The cartomizer contains nicotine in a solution of propylene glycol and glycerine along with flavourings. Cartomizers do not contain any of the harmful substances associated with combustible tobacco.

- Only use compatible Microlite Cartomizers with the Microlite Electronic Cigarette.
- Cartomizers are disposable and once used should be disposed of responsibly.
- An unused/sealed cartomizer shelf life is approximately 24months.

### **Refillable Microlite Cartomizers**

Refillable Microlite Cartomizers are empty/dry on arrival. These are intended to be refilled using any high quality pre-mixed liquid or mix-your-own solution. Attempting to use a Refillable Microlite

Cartomizer prior to properly filling the same will result in a high probability of complete failure/burning out of the atomizer coil. It is very important to ensure that refillable cartomizers are properly filled ensuring complete saturation of the fluval-like material inside. Please refer to the following guide for further refilling instructions:

## FAQ and Troubleshooting

**My Microlite batteries/PCC will not charge** – Ensure a full and proper connection, cleaning the battery thread with dry tissue if necessary. Attempt to re-establish a charge connection as per the instructions outlined under the **Assembly, Use and Recharging** section. If the battery continuously flashes, this would normally indicate that the battery is already fully charged (see **My Microlite produces no vapour**).

Ensure the PCC has at least one bar of charge before attempting to charge your battery. In the event that the PCC does not charge, attempt to use another USB port if connecting to a computer.

If the battery will not charge or maintains a constant blinking LED to indicate it requires a recharge – the cells within the battery may have expired and the battery may require replacing.

**What is the average usage time and overall life time for Microlite batteries?** Microlite batteries have a relatively small capacity at 90mAh, allowing them to replicate the size and appearance of a conventional cigarette – they would typically last anything up to 60 minutes based on average use. Microlite batteries have a typical overall lifespan of around 4-6 weeks based on a single recharge daily.

**What is the average lifespan for my PCC?** Microlite PCC's contain a much larger 1080mAh battery – the lifetime again is dependent on usage but the average user should expect anything up to 300 recharges or a 2-3 month period of usage based on one charge daily.

TIP – Ensure both batteries and PCC alike are allowed to fully discharge before recharging to reduce cell decay.

**My Microlite produces little/no vapour** – Replace/refill the cartomizer if it is producing minimal/no vapour – the liquid content may have been consumed. Ensure both the battery and cartomizer threads are clean to avoid any potential disruption in connection between the two parts. Avoid over tightening and similarly avoid connecting the cartomizer too loosely. Ensure your battery is charged or attempt to use the cartomizer on another battery.

Ensure you maintain very long and slow draws if you are getting some vapour but not a lot. Fast draws will prevent the cartomizer from heating the liquid efficiently enough to produce plentiful vapour.

**My Microlite continues to activate after ceasing to inhale** - if the device continues to activate (indicated by a continued red light on the end of the battery after/without using it, this may suggest that liquid has entered the connecting threads of the battery affecting the workings of the air-flow sensor – in the event where the user is refilling cartomizers themselves and loose liquid has entered the connection. Attempt to clean the battery threads with dry tissue. Avoid harsh inhalations to avoid leaking in the first instance and correctly follow the cartomizer refilling guide – should the problem appear irreparable and the battery is still under warranty, contact customer services.

**How many cigarettes are equivalent to one cartomizer?**

Every smoker is different and there are countless combinations of preference toward tobacco brand, nicotine strength and quantity consumed, taste and speed of draw and reasons for smoking. It is often difficult to give an accurate comparison for electronic cigarettes for conventional cigarette smoking but an approximation can be given based on the nicotine content of any given cartomizers or liquid.

A single cartomizer houses approximately 1ml of nicotine liquid. The nicotine strength is indicative of the strength of nicotine used for the solution measured at the marked 'mg' per millilitre. An 18mg strength cartomizer, containing 1ml of liquid will contain amongst the diluents and flavourings, 18mg of nicotine. Compare this to a twenty packet of cigarettes labelled as 0.9mg – this number reflecting the nicotine content per cigarette. 0.9mg multiplied by 20 equates to a total nicotine count of 18mg. Similarly, a single cartomizer at 14mg strength would equate to 20 cigarettes at 0.7mg – a milder cigarette and so on.

Whilst consuming a single cartomizer at 18mg would represent the equivalent nicotine of 20 cigarettes at 0.9mg, the physical time using a single cartomizer in comparison to smoking 20 cigarettes will vary depending on the individual and their frequency and length of draws.

